



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/613,751

07/03/2003

Srikumar Chari

50325-0782

5654

29989

7590

03/29/2007

HICKMAN PALERMO TRUONG & BECKER, LLP

2055 GATEWAY PLACE

SUITE 550

SAN JOSE, CA 95110

EXAMINER

ISMAIL, SHAWKI SAIF

ART UNIT

PAPER NUMBER

2155

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
----------------------------------------	-----------	---------------

3 MONTHS

03/29/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 10/613,751	Applicant(s) CHARI ET AL.	
	Examiner Shawki S. Ismail	Art Unit 2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-65 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) 1-65 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>11/25/2003</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED OFFICE ACTION

1. This communication is responsive to the application filed on July 03, 2003.

Claims 1-65 are presented for examination.

References in applicant's IDS form 1449 received on July 25, 2003 have been considered.

Claim Rejections - 35 USC §102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

3. Claims 1-65, are rejected under 35 U.S.C. 102(e) as being anticipated by **Wolf et al.**, (Wolf) U.S. Patent No. **7,150,037**.

4. As to claim 1, Wolf teaches a method of automatically generating a configuration for a network device, the method comprising the computer-implemented steps of:

receiving a partial configuration for a network device, wherein the partial configuration comprises a plurality of configuration commands, wherein each of one or more of the configuration commands is associated with one of a plurality of user interface elements (col. 2, lines 3-19, col. 7, lines 20-27);

parsing the partial configuration to identify the user interface elements (col. 9, lines 19-38);

generating a user interface page based on the user interface elements (col. 8, line 57 – col. 9, line 15);

receiving one or more configuration parameter values via the user interface page (col. 6, lines 20-30); and

substituting the configuration parameter values into the partial configuration to result in creating a complete configuration for the device (col. 7, lines 44-54).

5. As to claim 2, Wolf teaches a method as recited in Claim 1, wherein the partial configuration is stored in non-volatile memory of the network device prior to shipment of the network device to a user (col. 2, lines 3-19).

6. As to claim 3, Wolf teaches a method as recited in Claim 1, wherein the partial configuration comprises an electronic configuration template that is stored in non-volatile memory of the network device prior to shipment of the network device from a service provider or vendor to a user (col. 2, lines 3-19).

7. As to claim 4, Wolf teaches a method as recited in Claim 1, wherein the network device comprises a customer premises equipment (CPE) device (col. 2, lines 3-19).

8. As to claim 5, Wolf teaches a method as recited in Claim 1, wherein each of the user interface elements comprises a data variable name, a user interface string value, and a data type value (col. 6, lines 20-30).

9. As to claim 6, Wolf teaches a method as recited in Claim 5, wherein the user interface string value comprises a sequence of characters for display in the user

Art Unit: 2155

interface page as part of a prompt for entering an associated configuration parameter value (col. 6, lines 20-30).

10. As to claim 7, Wolf teaches a method as recited in Claim 5, wherein the data type value specifies a data type associated with the user interface element for use in determining validity of the received configuration parameter values (col. 6, lines 20-30).

11. As to claim 8, Wolf teaches a method as recited in Claim 7, wherein the data type value is selected from among a set consisting of IP address, subnet mask, dial pattern, virtual channel identifier, virtual path identifier, username, password, gateway, hostname, group name, group key, and peer IP address (col. 6, lines 20-30).

12. As to claim 9, Wolf teaches a method as recited in Claim 1, wherein the partial configuration further comprises one or more dynamic tags that are not associated with user interface elements, and wherein the method further comprises the steps of: parsing the partial configuration to identify the dynamic tags; substituting a configuration parameter value for each of the dynamic tags as part of the complete configuration (col. 9, lines 17-38, col. 7, lines 44-54).

13. As to claim 10, Wolf teaches a method as recited in Claim 1, wherein each of the user interface elements comprises a user interface string value, and wherein the step of generating a user interface page comprises the steps of:

generating an electronic document that is displayable by an end user computer system that is communicatively coupled to the network device, wherein the electronic document includes the user interface string value; and causing the network device to

display the electronic document using the end user computer system (col. 8, line 57 – col. 9, line 15).

14. As to claim 11, Wolf teaches a method as recited in Claim 1, wherein each of the user interface elements comprises a data variable name, a user interface string value, and a data type value, and wherein the method further comprises the steps of:

generating an electronic document that is displayable by an end user computer system that is communicatively coupled to the network device, wherein the electronic document includes the user interface string value (col. 8, line 57 – col. 9, line 15);

causing the network device to display the electronic document using the end user computer system (col. 8, line 57 – col. 9, line 15);

associating one of the configuration parameter values with the data variable name (col. 6, lines 20-30); and

determining whether a data type of the one of the configuration parameter values matches the data type value (col. 10, lines 23-35).

15. Claims 12-65 do not teach or define any new limitation above claims 1-11; therefore, they are rejected for similar reasons.

16. Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in its entirety as potentially teaching of all or part of the claimed invention, as

well as the context of the passage as taught by the prior art or disclosed by the examiner.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shawki S Ismail whose telephone number is 571-272-3985. The examiner can normally be reached on M-F 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached at 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Shawki Ismail
Patent Examiner
March 21, 2007



SALEH NAJJAR
SUPERVISORY PATENT EXAMINER